

F1X



F1X is an advanced adhesive and sealant based on MS-polymers to provide a single-part, long lasting and elastic product. F1X ensures excellent grip, bonding and sealing for virtually every material involved in the construction industry, and beyond, making it the ideal all-in-one sealant and fixing product for professional tradesman. F1X can be used on both dry and wet surfaces, including under water. It cures odourless through atmospheric moisture to form a durable, flexible, solvent free waterproof, weatherproof, UV, bacterial and fungal resistant seal. F1X can be overpainted with most common paints. F1X will successfully grip and adhere: all stone, brick, ceramics, concrete, fibreglass, glass/mirrors, most plastics, metals, plasterboard, polystyrene, wood and zinc. As a sealant, it is perfect for: anodised aluminium, bathrooms, construction joints, glass, guttering, kitchens, and sanitary uses.



MS POLYMER
REPLACES CONSTRUCTION ADHESIVE
REPLACES SILICONE
REPLACES SANITARY SEALANTS
REPLACES MIRROR ADHESIVES
EXCELLENT ADHESION TO MANY SURFACES

TECHNICAL INFORMATION:

PRODUCT INFORMATION	
FORM:	Paste
STANDARD COLOUR(S):	Clear, White, Grey, Black
MATERIAL:	MS Polymer
HAZARD INFORMATION:	May produce an allergic reaction - Consult Safety Datasheet before use
CLEANING:	Clean tools, equipment etc. using white spirit or similar. Mechanical means are necessary when the product has set.
PACKAGING:	Standard Silicone Cartridge
STORAGE CONDITIONS:	Store in sealed containers in dry conditions, protected from extremes of temperature
SHELF LIFE:	12 months in unopened manufacturer's packaging
APPLICATION INFORMATION	
JOINT WIDTH:	3 – 25mm
APPLICATION TEMPERATURE:	+5°C to +30°C
SKINNING TIME:	10 – 15 minutes
CURE TIME:	24 -72 hours depending on thickness and site conditions
TEMPERATURE RESISTANCE:	-40°C to +90°C
COVERAGE:	Depending on joint dimensions e.g. 6 x 6mm x 8m per tube
TYPICAL PERFORMANCE	
SPECIFICATION	ISO 11 600 F 25 HM
MOVEMENT ACCOMMODATION:	+/- 25%
HARDNESS:	SHORE A = 60
ELASTIC MODULUS 100%	1.7 MPa
TENSILE STRENGTH:	2.2 MPa
ELONGATION AT BREAK:	250%

DIRECTIONS FOR USE:

PREPARATION

Ensure the substrate is free from loose materials, grease, oil or other contaminants which may interfere with the bond. F1X can be applied to damp surfaces. For applications where F1X is to be used as an adhesive, ensure the substrate is suitable for the intended loading.

APPLICATION

As Sealant: cut nozzle at 45° to allow required bead width. Place cartridge in a skeleton gun and apply by gunning firmly into the joint to provide a solid fill. Where required, use suitable joint backing material. Ensure there are no air pockets. Smooth off the surface whilst still wet with a sponge, putty knife or tool. Do not attempt to sand the cured joint.

As Adhesive: Cut nozzle at 45° to allow required bead width. Place cartridge in a skeleton gun and apply as required. On larger panels, mirrors etc, apply strips in a 'ventilating way', i.e. in vertical strips up to 30cm apart. Heavier objects may require additional support for the first 24 hours.

RESTRICTIONS

Current good working practice, British Standards and trade body recommendations must be observed at all times. F1X has inferior adhesion to PE, PP, Teflon, existing silicone and bitumen based materials. When paint based on alkyd resins is used to overpaint F1X, drying times may be lengthened considerably. Carry out trials to ensure suitability before use.

Movement/construction joints must always be installed according to current best practice and British Standards. Joint Backer rod should be used where required to maintain an even depth of sealant.